

CORRES. CONTROL
INCOMING LTR NO.

Department of Energy

ROCKY FLATS FIELD OFFICE
P.O. BOX 928
GOLDEN, COLORADO 80402-0928



Aug 10 11 00 AM '94

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ROCKY FLATS FIELD OFFICE
GOLDEN, COLORADO

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DIST.	LTR	ENC
BURLINGAME, A.H.		
USBY, W.S.		
ARNIVAL, G.J.		
ORDOVA, R.C.		
AVIS, J.G.	X	
ERRERA, D.W.		
RAY, R.E.		
HEIS, J.A.		
LOVER, W.S.		
OLAN, P.M.		
ANNI, B.J.		
HEALY, T.J.		
EDAHL, T.G.		
ILBIG, J.G.		
UTCHINS, N.M.	X	
ACKSON, D.T.		
ELL, R.E.		
UESTER, A.W.		
MARX, G.E.		
McDONALD, M.M.		
McKENNA, F.G.		
MORGAN, R.V.		
PIZZUTO, V.M.		
POTTER, G.L.		
BANDLIN, N.B.		
BATTERWHITE, D.G.		
SCHUBERT, A.L.		
SCHWARTZ, J.K.		
SETLOCK, G.H.		
STIGER, S.G.	X	
OBIN, P.M.		
MOORHEIS, G.M.		
WILSON, J.M.		
Erlich, O.	X	
Hollowell, S.	X	

Mr. Joe Schieffelin
Hazardous Waste Facilities Unit Leader
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80222-1530

Mr. Martin Hestmark
U.S. Environmental Protection Agency, Region VIII
ATTN: Rocky Flats Project Manager, 8HWM-RI
999 18th Street, Suite 500, 8WM-C
Denver, Colorado 80202-2405

Gentlemen:

The Department of Energy, Rocky Flats Field Office (DOE/RFFO) would like to make the following proposal.

One of the requirements for the Site Wide Treatability Studies Program is to have a work plan completed for Stabilization/Solidification test work by November 12, 1994. Currently Operable Unit 4 (OU 4) (Solar Ponds) is conducting treatability studies under the Pondcrete Treatability Study Work Plan, related to stabilization/solidification of pond sludges. These sludges are similar in character to the secondary soil residues produced by gravity and other physical separation techniques. Similarities include relative particle size (typically less than 50 microns) and increased metals contents (especially heavy metals).

Because of the similarities between the pond sludges and the secondary soil residues, RFFO proposes that the same treatability study work plan be used for stabilization/solidification studies on the soil residues. Using the same work plan would mean that the secondary soil residues would be used in place of the pond sludges in the test procedures. Using the same work plan would result in significant cost savings and would free up resources to be applied to other Operable Unit projects.

In addition, the Technology Development group on plant site is conducting two preliminary tests on the application of Microwave melting and Polymer Encapsulation to treating secondary waste streams from the Lockheed AWC treatability studies.

DOE/RFFO would like to propose that the results of these studies combined with the use of the treatability study work plan already in place be substituted for the required development of a separate stabilization/solidification work plan. This substitution would result in significant cost savings and would free up valuable resources to work on other remediation projects. DOE/RFFO requests notification from the Environmental

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Reviewed for Addressee
Corres. Control RFP

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Ref Ltr. #

DOE ORDER # 5400.1

Protection Agency and the Colorado Department of Public Health and Environment on the suitability of this proposal by August 22, 1994.

This proposal was part of the discussion during the July monthly review meeting, held July 28, 1994 at Interlocken. If you have any questions please contact Norma Castaneda at extension 4226.

Sincerely,

A handwritten signature in cursive script, appearing to read "Steve Slaten".

Steve Slaten
LAG Project Coordinator
Environmental Restoration

cc:

A. Rampertaap, EM-453, HQ
M. Silverman, OOM, RFFO
L. Smith, OOM, RFFO
R. Schassburger, ER, RFFO
N. Castaneda, ER, RFFO
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A. Duran, EPA
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S. Hollowell, EG&G